



## Product/Process Change Notice - PCN 24\_0118 Rev. -

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This notice is to inform you of a change that will be made to certain ADI products (see Appendix A) that you may have purchased in the last 2 years. **Any inquiries or requests with this PCN (additional data or samples) must be sent to ADI within 30 days of publication date.** ADI contact information is listed below.

<b>PCN Title:</b>	LTC3313 - Die Thickness and Thermal Parameters Change
<b>Publication Date:</b>	07-Oct-2024
<b>Effectivity Date:</b>	09-Jan-2025 <i>(the earliest date that a customer could expect to receive changed material)</i>
<b>Revision Description:</b>	Initial Release

### Description Of Change:

Die thickness updated from 450um to 200um and thermal parameters will be changed as shown in attached document.

### Reason For Change:

Die thickness change for improved manufacturability.

### Impact of the change (positive or negative) on fit, form, function & reliability:

The change is transparent in customer applications since there is no change in form, fit, function, quality or reliability of the product.

### Product Identification *(this section will describe how to identify the changed material)*

Production shipment of the product incorporating the new material will begin no sooner than the effective date.

### Summary of Supporting Information:

Qualification has been performed per AEC-Q100, Stress Test Qualification for Integrated Circuits. See attached Qualification Results Summary.

### Supporting Documents

**Attachment 1: Type:** Qualification Results Summary

[ADI\\_PCN\\_24\\_0118\\_Rev\\_-\\_Reliability\\_Report\\_LTC3313\\_Die\\_Thickness\\_Change....](#)

**Attachment 2: Type:** Revised Datasheet Specification

[ADI\\_PCN\\_24\\_0118\\_Rev\\_-\\_Datasheet\\_Thermal\\_Markup.png...](#)

**Attachment 3: Type:** Delta Qualification Matrix

[ADI\\_PCN\\_24\\_0118\\_Rev\\_-\\_PCN\\_DeQuMa\\_-\\_LTC3313\\_082124.xlsm...](#)

**Attachment 4: Type:** Other

[ADI\\_PCN\\_24\\_0118\\_Rev\\_-\\_Thermal\\_Analysis\\_Summary\\_-\\_LTC3313.pdf...](#)

Note: If applicable, the device material declaration will be updated due to material change.

### ADI Contact Information:

For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.

<b>Americas:</b>	<b>Europe:</b>	<b>Japan:</b>	<b>Korea:</b>	<b>Rest of Asia:</b>
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## Appendix A - Affected ADI Models:

### Added Parts On This Revision - Product Family / Model Number (24)

LTC3313 / LTC3313EV#PBF	LTC3313 / LTC3313EV#TRMPBF	LTC3313 / LTC3313EV#TRPBF	LTC3313 / LTC3313EV#WPBF	LTC3313 / LTC3313EV#WTRMPBF
LTC3313 / LTC3313EV#WTRPBF	LTC3313 / LTC3313EV-0.75#PBF	LTC3313 / LTC3313EV-0.75#TRMPBF	LTC3313 / LTC3313EV-0.75#TRPBF	LTC3313 / LTC3313EV-0.75#WPBF
LTC3313 / LTC3313EV-0.75#WTRMPBF	LTC3313 / LTC3313EV-0.75#WTRPBF	LTC3313 / LTC3313JV#PBF	LTC3313 / LTC3313JV#TRMPBF	LTC3313 / LTC3313JV#TRPBF
LTC3313 / LTC3313JV#WPBF	LTC3313 / LTC3313JV#WTRMPBF	LTC3313 / LTC3313JV#WTRPBF	LTC3313 / LTC3313JV-0.75#PBF	LTC3313 / LTC3313JV-0.75#TRMPBF
LTC3313 / LTC3313JV-0.75#TRPBF	LTC3313 / LTC3313JV-0.75#WPBF	LTC3313 / LTC3313JV-0.75#WTRMPBF	LTC3313 / LTC3313JV-0.75#WTRPBF	

**Appendix B - Revision History:**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	07-Oct-2024	09-Jan-2025	Initial Release